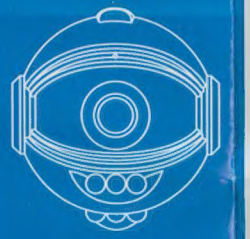
StarCam 370i

Web Camera

See clear image in darkroom with Infrared Light



- Capture 1.3 mega pixel photo picture
- Deluxe GLASS Lens Clarity
- Click & Snap Snapshot Button
- Bright & Light 3 White Light LEDs
- Plug & Talk Built-in USB Microphone
- Focus & Snap Adjustable Lens

MSI

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Overview

StarCam Mini PC Cam is a PC Camera using USB interface. Find the following items when unpacking:

1. StarCam 370i - Web Camera
2. Software Pack CD
3. Quick Guide

System Requirement

To install StarCam, your computer system needs to meet the following requirements:

1. Intel Pentium 4/III/II/Celeron™, AMD K6/Athlon or compatible with USB connector
2. Operation System Support: Windows XP/ 2000/ Me/ 98
3. 64MB of system memory
4. VGA support, minimum 640x480 resolution
5. Installation software requires CD-ROM drive
6. An optional modem or a LAN card may be required for conference call
7. Hard disk with 50MB free space or above

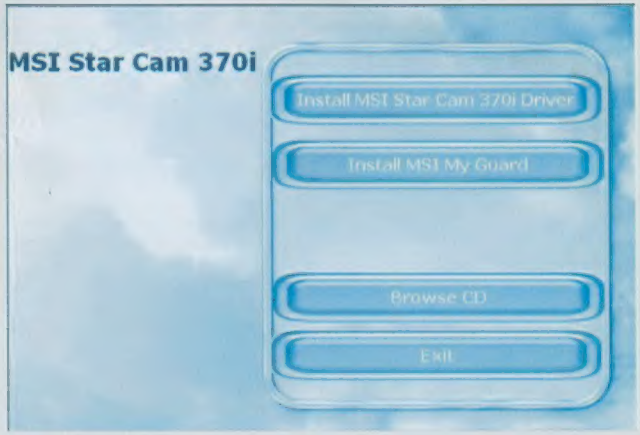
Specification

Camera Lens	1/4 CMOS sensor 5G Glass Lens
Pixel	VGA Format 640x480
Resolution	640x480, 352x288, 320x240, 176x144, 160x120
Frame per secretary.	15fbs@640x480 and 30fbs @ 352x288
Capture Resolution	Up to 640x480 (iteration 1280x960)
FocusDistance	3cm ~ infinity
Lens Wide Angle	56 degree diagonal
Brightness	Auto
Exposed Control	Auto
Image Format	RGB24
Power Consumption	Full Run: 2w typical
Operation System	Windows 98/2000/Me/XP
I/O Interface	USB 1.1 Full Speed
USB Microphone	-45DB
LED Light	3 high bright white LED light
Infrared Light	0~2m high power

Installation

To install the driver of MSI StarCam, follow the instructions below::

1. Turn on the computer.
2. Insert the provided driver disk into CD-ROM, and the auto run Setup program should be activated.
3. Click Install MSI StarCam 370i Driver, and then click Next to continue.
4. Follow the on-screen instructions to continue the installation.
5. Click Finish to complete the installation and restart the System.
6. Connect the StarCam to the USB port.
7. Once the StarCam is connected to the computer, the system will detect the new USB device and configure the device. Automatically.



8. To install the MSI My Guard™ program, simply click the Install MSI My Guard, and follow the on-screen instructions to continue the installation.

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Basic Usage

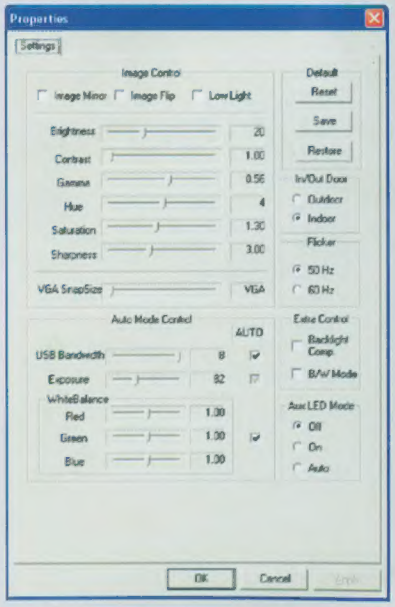
1

Adjusting the Picture Parameter

This StarCam Mini PC Cam allows users to adjust the picture parameters in accordance with personal choice.

To do this, follow the steps below:

1. Select **[Start / All Programs / MSI StarCam 370i / AMCap]** to activate the AMCAP (video camera window and check if StarCam works properly.
2. If there no image shown on the AMCAP window, please select **[Option/ Preview]** on the toolbar of AMCAP window.
3. To adjust video options, please select **[Option/Video Capture Filter]** to enter the **Properties** window.
4. Once the configuration is set, click **Apply** to see the result, or click **OK** to confirm the configuration and return to the AMCAP window.
5. If you are in the low illumination condition, you can select **Low Light** to improve the quality of image.
6. If you would like to make special effect on the image in Black-White color, please select **the mode of Black-White**.



7. Select **[Option/Video Capture Pin]** to enter the sub window.
   - Set Frame Rate: the default setting is 15fbs, set to 30fbs to smoothen the video capturing procedure.
   - Color: Available selections are RGB24 and 1420.
   - Image Size: Available selections are 160x120, 176x144, 320x240, 352x288, 640x480.

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Life Recording

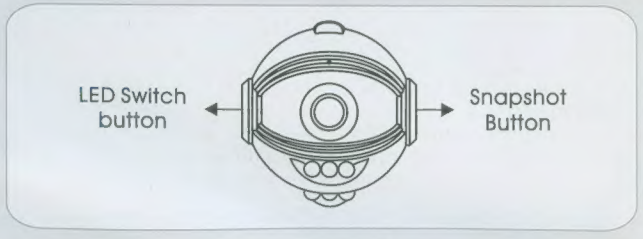
To do Life Recording, follow the steps below:

1. Select **[File / Set Capture File]** to setup a recording file (.avi) and then click OK to start recording .
2. To enable the audio function while recording, please select **[Capture / Capture Audio]**. Note that the Master Stream function can be ignored.
3. To adjust the amount of images be captured per second, please select **[Capture / Set Frame Rate]** and then enter a desired number.
4. To set up the recording ending timer, please select **[Capture / Set Time Limit]** and then enter a desired number of second. Once the recording timer arrives the time that is set, the recording will stop automatically.
5. To stop recording during the recording is on going manually, simply click the **Esc** icon,
6. To review the recording file, simply click on the recorded AVI file.

Image Capturing

To do Life Recording, follow the steps below:

1. Select **[Start /All Programs / MSI StarCam 370i / AMCap]** to activate the AMCAP (video camera window and check if StarCam works properly.
2. If there no image shown on the AMCAP window, please select **[Option/ Preview]** on the toolbar of AMCAP window.
3. Press **"SnapShot"** button to capture the instant live picture.



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4. The save the captured image, select **[File / Save as]** to save the image to a desired location, and then close the image capturing window.
5. To capture another image, repeat the step 3 and 4.
6. If you need the image be captured in the diverse resolution, please select **[Option/Video Capture Filter]** to enter the **Properties** window, and the use the VGA snapsize slider to select the proper snap image size. The available selections are:
   - VGA: 640x480
   - SVGA: 800x600
   - XGA: 1024x768
   - SXGA: 1280x1024

Using Microphone

To microphone function, follow the steps below:

1. Select **[Start / Control Pannel / Sounds and Audio Devices]** to enter **Sounds and Audio Devices Properties** window. In this window, select the **Audio** tag, and then select **USB Camera** in the **Sound recording** drop menu.
2. Select **[Start /All Programs / Accessories / Entertainment / Sound Recorder]** to start recording the sound through the connected microphone.

MSI *Special Feature*

Infrared Light

StarCam equips with the Infrared Light function which allows users to see a clear image through StarCam in a darkroom.

To use Infrared Light function, please select **[Option/Video Capture Filter]** to enter the **Properties** window. In this window, you will find three options, **Close**, **Open** and **Auto**, under **Aux LED mode** to control the Infrared Light function.